ICS Part 2 Mathematics Chapter 5 Test Online

Sr	Questions	Answers Choice
1	A line which divides a plane into two parts is called:	A. Boundary point B. Boundary line C. Feasible line D. None
2	Question Image	A. At B. Not on C. On D. None of these
3	Question Image	A. Left or right B. Upper or lower C. Open D. None of these
4	The graph of linear equation of the form ax + by = c is a _____ where a, b and c are constants and a, b are not both zero.	A. Curve B. Circle C. Straight line D. Parabola
5	Question Image	A. Above B. Left C. Below D. Right
6	The feasible region is _____ if it can easily by enclosed within a circle.	A. Bounded B. Exist C. Unbounded D. None of these
7	If the line segment obtained by joining any two points of a region lies entirely within the region, then the region is called _____:	A. Maximum B. Vertex C. Minimum D. Convex
8	A corner point is the point of intersection of:	A. x-axis & y - axis B. Boundary lines C. Any two lines D. None
9	ax + b > c is an inequality of:	A. One variable B. Three variable C. Two variable D. Four variable
10	Question Image	A. One variable B. Three variable C. Two variable D. Four variable
11	Question Image	A. (1, 1) B. (1, 3) C. (1, 4) D. (1, 5)
12	The system of _____ involved in the problem concerned is called problem constraints:	A. Linear inequalities B. Equations C. Linear equalities D. None of these
13	y = b is a horizontal line perpendicular to _____:	A. x - axis B. y - axis may be C. y - axis D. None of these
14	The region of the graph ax + by > c is called _____ half plane:	A. Open B. Boundary of C. Closed D. None of these
15	A region, which is restricted to the _____ quadrant, is referred to as a feasible region for the set of given contraints.	A. First B. Third C. Second D. Fourth

16	y = b is a horizontal line parallel to _____:	A. x - axis B. x - axis may be C. y - axis D. None of these
17	There are _____ ordered pairs that satisfy the inequality ax + by > c.	A. Finitely many B. Two C. Infinitely many D. Four
18	x = 2 is a vertical line perpendicular to _____:	A. x - axis B. x - axis may be C. y - axis D. None of these
19	x = c is a vertical line parallel to _____.	A. x-axis B. y-axis may be C. y-axis D. None of these
20	The inequality y > b is the open half plane to the _____ of the boundary line y = b:	A. Above B. Left C. Below D. Right